Duke Energy®
Carolinas

DUKE ENERGY CAROLINAS, LLC
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Charlotte, NC 28202

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December 1, 2010

Jocelyn Boyd, Chief Clerk of the Commission
Public Service Commission of South Carolina
P. O. Drawer 11649
Columbia, South Carolina 29211

RE: Duke Energy Carolinas, LLC
Docket No. 1989-9-E

Dear Jocelyn:

Pursuant to the Commission's Orders in the above captioned docket, enclosed for filing are the following reports for the month of October 2010:

1. Monthly Fuel Cost Report (Exhibit A).

2. Base Load Power Plant Performance Report (Exhibit B).

Should you have any questions regarding this matter, please contact Brian Franklin at 980.373.4465.

Sincerely,

Charles A. Castle

pa

Enclosures

cc: Office of Regulatory Staff
Dan Arnett, Chief of Staff
Shannon Hudson, Staff Attorney
Jeff Nelson, Staff Attorney
John Flitter

South Carolina Energy Users Committee
Scott Elliott, Esquire

Brian L. Franklin

Exhibit A
Schedule 1

DUKE ENERGY CAROLINAS
SUMMARY OF MONTHLY FUEL REPORT
SC Code Ann. §58-27-865 (Supp. 2010)

Line No.	Fuel Expenses:	October 2010
1	Fuel and fuel-related costs	$ 118,077,892
2	Less fuel expenses (in line 1) recovered through intersystem sales (a)	512,759
3	Total fuel and fuel-related costs (line 1 minus line 2)	$ 117,565,134
	MWH sales:	
4	Total system sales.	6,147,345
5	Less intersystem sales	12,399
6	Total sales less intersystem sales	6,134,946
7	Total fuel and fuel-related costs (¢/KWH) (c) (line 3/line 6)	1.9163
8	Current fuel and fuel-related cost component (¢/KWH) (per Schedule 4, Line 2 + Line 8)	2.0951
	Generation Mix (MWH):	
	Fossil (by primary fuel type):	
9	Coal	2,338,929
10	Biomass	7
11	Fuel Oil	(1,347)
12	Natural Gas	8,576
13	Total fossil	2,346,165
14	Nuclear 100%	4,520,909
15	Hydro - Conventional	67,545
16	Hydro - Pumped storage	(35,320)
17	Total hydro	32,225
18	Solar Distributed Generation	669
19	Total MWH generation	6,899,968
20	Less joint owners' portion	877,634
21	Adjusted total MWH generation	6,022,334

(a) Line 2 includes:

Fuel from intersystem sales (Schedule 3)	$ 491,825
Fuel in loss compensation	20,934
Total fuel recovered from intersystem sales	$ 512,759

DUKE ENERGY CAROLINAS
DETAILS OF FUEL AND FUEL-RELATED COSTS
SC Code Ann. §58-27-865 (Supp. 2010)

Fuel and fuel-related costs:	October 2010
Steam Generation - FERC Account 501	
0501110 coal consumed - steam	$ 84,880,814
0501222, 0501223 biomass/test fuel consumed (@ avoided fuel cost)	-
0501310 fuel oil consumed - steam	346,494
0501330 fuel oil light-off - steam	350,127
Total Steam Generation - Account 501	85,577,434
Environmental Costs	
0509000, 0557451 emission allowance expense	5,219
0502020, 030, 040 reagents expense	1,429,975
Emission allowance gains	(323,875)
Total Environmental Costs	1,111,320
Nuclear Generation - FERC Account 518	
0518100 burnup of owned fuel	19,681,512
0518600 nuclear fuel disposal cost	4,233,238
Total Nuclear Generation - 100%	23,914,749
Less joint owners' portion	4,674,717
Total Nuclear Generation - Account 518	19,240,032
Other Generation - FERC Account 547	
0547100 natural gas consumed	306,079
0547200 fuel oil consumed - CT	1,900
Total Other Generation - Account 547	307,979
Solar Distributed Generation @ Avoided Fuel Cost	32,872
Total fossil and nuclear fuel expenses included in base fuel component	106,269,637
Fuel related component of purchased and interchange power per Schedule 3	8,814,065
Fuel related component of purchased power (economic accrual)	2,994,191
Total fuel and fuel-related costs	$ 118,077,892

DUKE ENERGY CAROLINAS
DETAILS OF FUEL AND FUEL-RELATED COSTS
SC Code Ann. §58-27-865 (Supp. 2010)

Other fuel expenses not included in fuel and fuel-related costs:	October 2010
Net proceeds from sale of by-products	$ 336,514
0501223 biomass avoided fuel cost excess	-
0518610 spent fuel canisters-accrual	206,782
0518620 canister design expense	(107,620)
0518700 fuel cycle study costs	107,778
Non-fuel component of purchased and interchanged power	6,672,778
Total other fuel expenses not included in fuel and fuel-related costs:	$ 7,216,232
Less Solar Distributed Generation @ Avoided Fuel Cost	(32,872)
Adjusted total other fuel expenses not included in fuel and fuel-related costs:	$ 7,183,361
Total FERC Account 501 - Total Steam Generation	85,577,434
Total FERC Account 518 - Total Nuclear Generation	19,446,972
Total FERC Account 547 - Other Generation	307,979
Total Reagents Expense	1,429,975
Total Gain/Loss from Sale of By-Products	336,514
Total Emission Allowance Expense	5,219
Total Gain/Loss from Sale of Emission Allowances	(323,875)
Total Purchased and Interchanged Power Expenses	18,481,034
Total Fuel, Fuel Related and Purchased Power Expenses	$ 125,261,253

DUKE ENERGY CAROLINAS
PURCHASED POWER AND INTERCHANGE
SOUTH CAROLINA

OCTOBER 2010

Schedule 3, SC, Purchases, Month
Exhibit A, Page 1 of 4

Purchased Power	Total	Capacity		Non-Capacity		
Marketers, Utilities, Other	$	MW	$	MWH	Fuel $	Non-Fuel $
Alcoa Power Generating Inc.	252,055	-	-	7,030	153,754	98,301
Associated Electric Cooperative Inc.	26,347	-	-	943	16,072	10,275
Blue Ridge Electric Membership Corp.	2,358,519	86	1,053,022	51,389	796,353	509,144
Calpine Power Services Marketing	4,480	-	-	224	2,733	1,747
Cargill Power Marketers LLC	625,996	-	-	18,238	381,858	244,138
City of Kings Mtn	8,979	3	8,979	-	-	-
Cobb Electric Membership Corp.	50,266	-	-	1,624	30,662	19,604
Constellation	1,336,529	-	-	39,556	815,283	521,246
Haywood Electric	402,432	20	198,191	7,101	124,587	79,654
Lockhart Power Co.	19,272	7	19,272	-	-	-
MISO	79	-	-	-	48	31
Morgan Stanley Capital Group	360	-	-	-	219	141
NCEMC	675,888	-	-	21,156	354,117	321,771
NCMPA	3,717,489	-	-	108,774	1,942,718	1,774,771
Piedmont Electric Membership Corp.	1,203,284	42	534,192	26,151	408,146	260,946
PJM Interconnection LLC	3,234,591	-	-	89,941	1,973,100	1,261,491
Progress Energy Carolinas	15,700	-	-	700	9,577	6,123
Rutherford Electric Membership Corp.	28,298	-	-	1,191	17,262	11,036
Southern	71,140	-	-	2,074	43,395	27,745
SPCO - Rowan	1,528,361	456	1,359,984	5,327	103,768	64,609
The Energy Authority	269,164	-	-	8,230	164,190	104,974
Town of Dallas	584	-	584	-	-	-
Town of Forest City	20,148	7	20,148	-	-	-
TVA	114,500	-	-	3,000	69,845	44,655
Generation Imbalance	220,830	-	-	6,056	131,911	88,919
Energy Imbalance - Purchases	199,845	-	-	3,535	121,905	77,940
Energy Imbalance - Sales	(36,027)	-	-	-	(35,304)	(723)
	$ 16,349,109	**621**	**$ 3,194,372**	**402,240**	**$ 7,626,199**	**$ 5,528,538**

Purchased Power	Total	Capacity		Non-Capacity		
Cogen, Purpa, Small Power Producers	$	MW	$	MWH	Fuel $	Non-Fuel $
203 Neotrantor LLC	97	-	-	1	-	97
Advantage Investment Group, LLC	56	-	-	1	-	56
AKS Real Estate Holdings LLC	31	-	-	-	-	31
Alamance Hydro, LLC	375	-	-	5	-	375
Amelia M Collins	34	-	-	-	-	34
Andrews Truss, Inc.	84	-	-	1	-	84
Anna L Reilly	46	-	-	1	-	46
Aquenergy Corp.	21,216	-	-	299	-	21,216
Berjouhi Keshguerian	43	-	-	-	-	43
Bernd Schneitler	88	-	-	1	-	88
Biomerieux, Inc	1,286	-	-	15	-	1,286
Black Hawk Inc	103	-	-	1	-	103
Branch, James David Dr	92	-	-	1	-	92
Byron P Matthews	24	-	-	-	-	24
Catawba County	60,613	-	-	1,672	-	60,613
Chapel Hill Tire Co	182	-	-	2	-	182
Charles Brandon Mitchell	41	-	-	1	-	41
Cherokee County	3,578,855	-	271,053	59,640	2,121,732	1,186,070
Clark H Mizell	(2)	-	-	-	-	(2)
Cliffside Mills LLC	2,605	-	-	35	-	2,605
Converse Energy	2,389	-	-	37	-	2,389
Daniel L Kerns	293	-	-	3	-	293
Dave K Birkhead	16	-	-	-	-	16
David A Ringenburg	40	-	-	1	-	40
David Boyer	45	-	-	1	-	45
David E. Shi	28	-	-	-	-	28
David H Newman	39	-	-	-	-	39
David M Thomas	66	-	-	1	-	66
David W Walters	51	-	-	1	-	51

OCTOBER 2010

Purchased Power Cogen, Purpa, Small Power Producers	Total $	Capacity MW	 $	Non-Capacity MWH	 Fuel $	 Non-Fuel $
David Wiener	23	-	-	-	-	23
Decision Support	337	-	-	4	-	337
Delta Products Corp.	307	-	-	3	-	307
Diann M. Barbacci	8	-	-	-	-	8
Dirk J Spruyt	42	-	-	1	-	42
Earnhardt-Childress Racing Technologies, LLC	264	-	-	4	-	264
Edward W Witkin	61	-	-	1	-	61
Ernest E McConnell	18	-	-	-	-	18
Fogleman Construction, Inc	32	-	-	-	-	32
Frances L. Thomson	59	-	-	1	-	59
Freightliner Corp.	26	-	-	1	-	26
Gail D Schmidt	43	-	-	1	-	43
Gas Recovery Systems, LLC	86,023	-	-	1,310	64,341	21,682
George Franklin Fralick	28	-	-	-	-	28
Gerald Priebe	61	-	-	1	-	61
Gerald W. Meisner	60	-	-	1	-	60
Greenville Gas Producer, LLC	122,251	-	-	2,066	101,460	20,791
Gwenyth T Reid	38	-	-	1	-	38
H Malcolm Hardy	32	-	-	-	-	32
Haneline Power, LLC	3,609	-	-	43	-	3,609
Haw River Hydro Co	5,428	-	-	139	-	5,428
Hayden-Harman Foundation	23	-	-	-	-	23
Hendrik J Rodenburg	38	-	-	-	-	38
Henry Jay Becker	52	-	-	1	-	52
HMS Holdings Limited Partnership	348	-	-	6	-	348
Holzworth Holdings	8	-	-	-	-	8
Innovative Solar Solutions	45	-	-	1	-	45
Irvine River Company	22,473	-	-	267	-	22,473
Jafasa Farms	162	-	-	2	-	162
James B Sherman	42	-	-	-	-	42
James J Boyle	43	-	-	-	-	43
James Richard Trevathan	26	-	-	-	-	26
Jeffery Lynn Pardue	42	-	-	1	-	42
Jerome Levit	14	-	-	-	-	14
Jody Fine	18	-	-	-	-	18
Joel L. Hager	41	-	-	-	-	41
John B Robbins	114	-	-	1	-	114
John H. Diliberti	114	-	-	1	-	114
Keith Adam Smith	24	-	-	-	-	24
KMBA, LLC	111	-	-	1	-	111
Lamar Bailes	46	-	-	1	-	46
Laura J Ballance	67	-	-	1	-	67
Leon's Beauty School, Inc	407	-	-	5	-	407
Linda Alexander	23	-	-	-	-	23
Marilyn M Norfolk	31	-	-	-	-	31
Mark A Powers	19	-	-	-	-	19
Mark S Trustin	3	-	-	-	-	3
Mary K Nicholson	36	-	-	-	-	36
Matthew T. Ewers	15	-	-	-	-	15
Mayo Hydro	15,707	-	-	253	-	15,707
Michael G Hitchcock	100	-	-	1	-	100
Mill Shoals Hydro	5,195	-	-	122	-	5,195
MP Durham, LLC	87,748	-	-	1,513	74,283	13,465
Mr Lawrence B Miller	36	-	-	1	-	36
Northbrook Carolina Hydro	62,887	-	-	889	-	62,887
Oakdale Holding LLC	210	-	-	3	-	210
Oenophilia	199	-	-	2	-	199
Optima Engineering	94	-	-	1	-	94
Pacifica HOA	52	-	-	1	-	52
Paul C Kuo	39	-	-	-	-	39
Paul G. Keller	42	-	-	1	-	42
Pelzer Hydro Co.	18,094	-	-	266	-	18,094
Peter J Jarosak	17	-	-	-	-	17
Philip E Miner	68	-	-	1	-	68
Phillip B. Caldwell	35	-	-	-	-	35

Purchased Power Cogen, Purpa, Small Power Producers	Total $	Capacity MW	 $	Non-Capacity MWH	 Fuel $	 Non-Fuel $
Pickins Mill Hydro LLC	1,493	-	-	18	-	1,493
Pippin Home Designs, Inc	29	-	-	-	-	29
PRS-PK Engines, LLC	377	-	-	6	-	377
R Lawrence Ashe Jr	53	-	-	1	-	53
Rajah Y Chacko	26	-	-	-	-	26
Rajendra Morey	46	-	-	1	-	46
Ramona L Sherwood	46	-	-	1	-	46
Raylen Vineyards Inc	135	-	-	2	-	135
Rebecca G Laskody	35	-	-	-	-	35
Rebecca T Cobey	14	-	-	-	-	14
Ron B Rozzelle	61	-	-	1	-	61
Ronald R Butters	52	-	-	1	-	52
Rousch & Yates Racing Engines, LLC	433	-	-	7	-	433
Russell Von Stein	23	-	-	-	-	23
Salem Energy Systems	144,099	-	-	2,177	-	144,099
Samuel B Moore	26	-	-	-	-	26
Samuel C Province	127	-	-	1	-	127
Scot Friedman	54	-	-	1	-	54
Shawn Slome	17	-	-	-	-	17
South Yadkin Power	5,054	-	-	68	-	5,054
Stanley Chamberlain	54	-	-	1	-	54
Steve Mason Ent., Inc.	279	-	-	5	-	279
Steven Graf	51	-	-	1	-	51
Stewart A Bible	13	-	-	-	-	13
Strates Inc	64	-	-	1	-	64
Sun Capital, Inc	257	-	-	3	-	257
Sun Edison LLC	40,485	-	-	597	29,319	11,166
Susan Bishop McCracken	58	-	-	1	-	58
Susan E Reynolds	50	-	-	1	-	50
T.S. Designs, Inc.	102	-	-	1	-	102
The Rocket Shop, LLC	23	-	-	-	-	23
Theresa S Greene	16	-	-	-	-	16
Thomas Christopher	35	-	-	-	-	35
Thomas Knox Worde	26	-	-	-	-	26
Thomas W Bates	38	-	-	1	-	38
Timberlyne	230	-	-	3	-	230
Town of Chapel Hill	28	-	-	-	-	28
Town of Lake Lure	11,616	-	-	196	-	11,616
W B Moore Co of Char	320	-	-	3	-	320
W. Jefferson Holt	104	-	-	1	-	104
Wallace & Graham PA	1,767	-	-	21	-	1,767
White Oak of Saluda, LLC	52	-	-	1	-	52
William P Miller	56	-	-	1	-	56
William Terry Baker	48	-	-	1	-	48
Yves Naar	47	-	-	1	-	47
	$ 4,310,513	**-**	**$ 271,053**	**71,764**	**$ 2,391,135**	**$ 1,648,325**
TOTAL PURCHASED POWER	**$ 20,659,622**	**621**	**$ 3,465,425**	**474,004**	**$ 10,017,334**	**$ 7,176,863**
INTERCHANGES IN						
Other Catawba Joint Owners	4,240,520	-	-	445,249	2,350,321	1,890,199
Total Interchanges In	4,240,520	-	-	445,249	2,350,321	1,890,199
INTERCHANGES OUT						
Other Catawba Joint Owners	(6,418,982)	(866)	(134,209)	(673,135)	(3,553,483)	(2,731,290)
Catawba- Net Negative Generation	(126)	-	-	(5)	(107)	(19)
Total Interchanges Out	(6,419,108)	(866)	(134,209)	(673,140)	(3,553,590)	(2,731,309)
Net Purchases and Interchange Power	**$ 18,481,034**	**(245)**	**$ 3,331,216**	**246,113**	**$ 8,814,065**	**$ 6,335,753**

DUKE ENERGY CAROLINAS
INTERSYSTEM SALES*
SOUTH CAROLINA

OCTOBER 2010

Schedule 3, SC, Sales, Month
Exhibit A, Page 4 of 4

SALES	TOTAL CHARGES	CAPACITY MW	CAPACITY $	ENERGY MWH	ENERGY FUEL $	ENERGY NON-FUEL $
Utilities:						
Progress Energy Carolinas - Emergency	$ 10,907	-	$ -	257	$ 9,302	$ 1,605
Market Based:						
Cargill-Alliant, LLC	4,991	-	-	97	4,203	788
NCEMC (Generator/Instantaneous)	211,527	25	125,000	1,834	67,546	18,981
NCMPA #1	217,870	50	216,500	27	1,099	271
NCMPA #1 - Rockingham	157,500	50	157,500	-	-	-
Oglethorpe	9,900	-	-	225	10,450	(550)
PJM Interconnection LLC	132,788	-	-	4,800	207,013	(74,225)
Progress Energy Carolinas	34,200	-	-	650	30,492	3,708
SC Electric & Gas Market based	272,758	-	-	3,600	161,196	111,562
Southern	80,300	-	-	1,600	69,656	10,644
The Energy Authority	27,726	-	-	562	23,179	4,547
TransAlta Energy Marketing (U.S.) Inc.	2,600	-	-	50	2,329	271
Other:						
Generation Imbalance	(176,465)	-	-	(1,303)	(94,640)	(81,825)
BPM Transmission	(56,106)	-	-	-	-	(56,106)
Total Intersystem Sales	**$ 930,496**	**125**	**$ 499,000**	**12,399**	**$ 491,825**	**$ (60,329)**

* Sales for resale other than native load priority.

NOTE(S): Detail amounts may not add to totals shown due to rounding.

Exhibit A
Schedule 4

Duke Energy Carolinas
Over / (Under) Recovery of Fuel Costs
October 2010
SC Code Ann. §58-27-865

Line No.			Residential	Commercial	Industrial	Total
1	S.C. Retail kWh sales	Input	429,060,458	470,756,607	697,860,503	1,597,677,568
	Base fuel component of recovery					
2	Billed base fuel rate (¢/kWh)	Input	2.0625	2.0625	2.0625	2.0625
3	Billed base fuel expense	L1 * L2 /100	$8,849,372	$9,709,355	$14,393,373	$32,952,100
4	Incurred base fuel rate (¢/kWh)	Input	1.8495	1.8495	1.8495	1.8495
5	Incurred base fuel expense	L1 * L4 / 100	$7,935,473	$8,706,643	$12,906,930	$29,549,046
6	Difference in ¢/kWh (Billed - Incurred)	L2 - L4	0.2130	0.2130	0.2130	0.2130
7	Base fuel over/(under) recovery	L1 * L6 / 100	**$913,899**	**$1,002,712**	**$1,486,443**	**$3,403,054**
	7a Prior period adjustment expense _/1	Input				$0
	Environmental component of recovery					
8	Billed rates by class (¢/kWh)	Input	0.0445	0.0327	0.0253	0.0326
9	Billed environmental expense	L8 * L1 / 100	$190,932	$153,937	$176,559	$521,428
10	Incurred rate by class (¢/kWh)	Input	0.0283	0.0177	0.0119	0.0180
11	Incurred environmental expense	L10 * L1 / 100	$121,466	$83,288	$82,943	$287,697
12	Difference in ¢/kWh (Billed - Incurred)	L8 - L10	0.0162	0.0150	0.0134	0.0146
13	Environmental over/(under) recovery	L9 - L11	**$69,466**	**$70,649**	**$93,616**	**$233,731**
	13a Prior period adjustment expense _/1	Input				$0
	Economic purchase component of recovery					
14	S.C. kWh sales % by class	L1 / L1T	26.86%	29.47%	43.68%	100.00%
15	Economic purchase accrual	L15T * L14	**($209,387)**	**($229,735)**	**($340,565)**	**($779,687)**
	15a Prior period adjustment expense _/1	Input	$0	$0	$0	$0
	Total over/(under) recovery					
16	Current month	L7 + L13 + L15	**$773,978**	**$843,626**	**$1,239,494**	**$2,857,098**
	16a Current month w/adjustments	L16+(7a+13a+15a)	**$773,978**	**$843,626**	**$1,239,494**	**$2,857,098**

	17 Cumulative over / (under) recovery	Cumulative	Residential	Commercial	Industrial	Total Company
	Balance ending May 2010 _/2	$57,028,206				
	June	$45,149,223	($3,621,374)	($3,269,493)	($4,988,116)	($11,878,983)
	July	33,013,769	(4,490,744)	(3,393,752)	(4,250,958)	(12,135,454)
_/1	August	24,135,829	(3,135,732)	(2,452,885)	(3,289,323)	(8,877,940)
	September	22,247,423	(636,960)	(539,228)	(712,218)	(1,888,406)
	October	25,104,521	773,978	843,626	1,239,494	2,857,098
	November					
	December					
	January					
	February					
	March					
	April					
	May					

_/1 Prior period adjustments recalculated using appropriate period sales; therefore, detail calculations not shown.

_/2 May 2010 ending balance reflects the economic purchase adjustment for review period ended 5/31/2010 pursuant to Docket 2010-3-E.

DUKE ENERGY CAROLINAS
FUEL AND FUEL RELATED COST REPORT
October 2010

Description	Allen Steam	Belews Creek Steam	Buck Steam/CT	Buzzard Roost CT	Catawba Nuclear	Cliffside Steam	Dan River Steam/CT	Lee Steam/CT	Lincoln CT	Marshall Steam	McGuire Nuclear	Mill Creek CT	Oconee Nuclear	Riverbend Steam/CT	Rockingham CT	Current Month	Total 12 ME October 2010 (C)
Cost of Fuel Received																	
Coal	$12,789,907	$55,164,302	$5,482,779			$16,652,227	$1,079,694	$4,493,398		$41,180,005				$4,253,389		$141,095,701	$1,199,093,722
Biomass	-	-	-			-	-	-		-				-		-	671,932
Fuel Oil	140,656	251,087	-	-		140,921	-	-	-	269,049		-		-	-	801,714	17,411,083
Gas			524	-			719	(8,731)	26,996			6,256		600	279,714	306,078	35,697,951
Total	$12,930,563	$55,415,389	$5,483,303	$0		$16,793,149	$1,080,413	$4,484,667	$26,996	$41,449,055		$6,256		$4,253,989	$279,714	$142,203,493	1,252,874,688
Received (¢/MBTU) Avg																	
Coal	398.90	390.94	393.53			401.92	489.42	387.96		362.03				376.18		384.06	376.41
Biomass														-		-	472.73
Fuel Oil	1,709.49	1,741.48	-	-		1,716.25	-	-	-	1,701.23		-		-	-	1,717.76	1,575.40
Gas			-	-			-	(B)	-			-		-	288.11	314.19	515.70
Weighted Average	402.26	392.32	393.57	-		404.52	489.75	387.09	-	363.89		-		376.23	288.11	385.57	383.46
Cost of Fuel Burned($) (A)																	
Coal	$8,275,119	$51,935,853	$0			$7,648,468	$0	($1,875)		$17,023,248				$0		$84,880,813	$1,403,152,354
Biomass	-	-	-			-	-	-		-				-		-	537,632
Fuel Oil	155,972	132,717	51	-		133,952	14,105	1,900	-	259,823		-		-	-	698,520	16,930,399
Gas			524	-			719	(8,731)	26,996			6,256		600	279,714	306,078	35,697,951
Nuclear					5,788,837						8,874,082		9,251,830			23,914,749	286,592,771
Total	$8,431,091	$52,068,570	$575	$0	$5,788,837	$7,782,420	$14,824	($8,706)	$26,996	$17,283,071	$8,874,082	$6,256	$9,251,830	$600	$279,714	$109,800,160	$1,742,911,107
Burned (¢/MBTU) Avg																	
Coal	405.97	388.63	-			389.61	-	-		360.06				-		384.19	366.28
Biomass	-	-	-			-	-	-		-				-		-	494.05
Fuel Oil	1,735.53	1,650.09	1,700.00	-		1,647.42	1,634.41	871.56	-	1,636.99		-		-	-	1,658.52	1,536.14
Gas			-	-			-	(B)	-			-		-	288.11	314.19	515.70
Nuclear					52.32						51.28		52.51			52.00	49.32
Weighted Average	411.80	389.39	INF.	-	52.32	394.79	1,717.73	(1,582.91)	-	364.33	51.28	-	52.51	-	288.11	160.95	179.25
Generated (¢/kWh) Avg																	
Coal	4.47	3.57	(B)			3.84	(B)	(B)		3.38				(B)		3.63	3.53
Biomass	-	-	-			-	-	-		-				-		-	6.08
Fuel Oil	-	-	(B)	(B)		-	(B)	(B)	(B)	-		(B)		(B)	-	(B)	(B)
Gas			-	-			-	(B)	-			-		-	3.25	3.57	6.01
Nuclear					0.53						0.52		0.54			0.53	0.50
Weighted Average	4.56	3.58	(B)	(B)	0.53	3.91	(B)	(B)	(B)	3.43	0.52	(B)	0.54	(B)	3.25	1.60	1.78
Burned MBTU's																	
Coal	2,038,370	13,363,832	-			1,963,128	-	-		4,727,886				-		22,093,216	383,080,889
Biomass	-	-	-			-	-	-		-				-		-	108,822
Fuel Oil	8,987	8,043	3	-		8,131	863	218	-	15,872		-		-	-	42,117	1,102,142
Gas			-	-			-	332	-			-		-	97,085	97,417	6,922,170
Nuclear					11 063,479						17,306 027		17 618 692			45 988,198	581,109 234
Total	2,047,357	13,371,875	3	-	11,063,479	1,971,259	863	550	-	4,743,758	17,306,027	-	17,618,692	-	97,085	68,220,948	972,323,257
Net Generation (mWh)																	
Coal	185,046	1,454,975	(763)			199,170	(778)	(910)		503,729				(1,540)		2,338,929	39,784,982
Biomass	-	-	-			-	-	7		-				-		7	8,848
Fuel Oil	-	-	(29)	(80)		-	(30)	(23)	(795)	-		(312)		(78)	-	(1,347)	(10,011)
Gas			-	-			-	(35)	-			-		-	8,611	8,576	593,616
Nuclear					1,086,800						1,713,528		1,720,581			4,520,909	57,407,864
Total	185,046	1,454,975	(792)	(80)	1,086,800	199,170	(808)	(961)	(795)	503,729	1,713,528	(312)	1,720,581	(1,618)	8,611	6,867,074	97,785,299
Cost of Reagents Burned ($)																	
Ammonia		234,406				43,136				-						277,541	5,335,516
Limestone	97,869	345,888								257,858						755,856	14,252,015
Urea	(5,078)		-			397,054				4,602						396,578	5,047,005
Organic Acid	-	-				-				-						-	-
Total	92,791	580,294	-			440,189				262,460						1,429,975	24,634,535

(A) Cost of fuel burned excludes $5,219 associated with emission allowance expense for the month and $329,933 for the twelve months ended.
(B) Cents/kWh not computed when costs and/or net generation is negative.
(C) Twelve months ended total reflects biomass data included with Coal prior to 2010.
Notes:
Detail amounts may not add to totals shown due to rounding.
Fuel costs based on recoverability unless otherwise noted. Data reflected at 100% ownership.
Coal Inventory Ending Balance excludes 26,123 tons and $1,414,467 associated with terminals for the current month.

Exhibit A
Schedule 5

DUKE ENERGY CAROLINAS
FUEL AND FUEL RELATED CONSUMPTION AND INVENTORY REPORT
October 2010

Description	Allen Steam	Belews Creek Steam	Buck Steam/CT	Buzzard Roost CT	Cliffside Steam	Dan River Steam/CT	Lee Steam/CT	Lincoln CT	Marshall Steam	Mill Creek CT	Riverbend Steam/CT	Rockingham CT	Current Month	Total 12 ME October 2010 (C)
Coal Data:														
Beginning balance	262,557	464,338	82,070		153,529	78,492	99,489		517,395		115,462		1,773,333	4,718,234
Tons received during period	132,360	575,943	57,471		169,817	8,925	46,262		459,068		45,351		1,495,196	12,984,177
Moisture adjustments	(4,366)	(3,057)	(141)		(379)	(240)	(35)		(3,639)		116		(11,741)	(2,192)
Tons burned during period (A)	84,224	542,581	-		79,630	-	-		189,633		-		896,067	15,339,498
Ending balance	306,328	494,642	139,400		243,337	87,177	145,717		783,191		160,928		2,360,720	2,360,720
MBTUs per ton burned	24.20	24.63	-		24.65	-	-		24.93		-		24.66	24.97
Cost of ending inventory ($/ton)	99.66	96.32	93.81		96.20	100.84	93.33		90.18		91.36		94.20	94.20
Biomass/Test Fuel Data:														
Beginning balance			381				3,141						3,522	614
Tons received during period			-				-						-	15,158
Inventory adjustments			-				-						-	(618)
Tons burned during period			-				-						-	11,632
Ending balance			381				3,141						3,522	3,522
Cost of ending inventory ($/ton)			28.50				43.84						42.18	42.18
Fuel Oil Data:														
Beginning balance	82,561	199,225	319,856	1,536,309	80,960	225,183	595,721	8,673,053	338,642	3,933,547	227,209	2,254,372	18,466,638	19,001,442
Gallons received during period	59,728	104,348	-	-	59,594	-	-	-	114,550	-	-	-	338,220	8,013,025
Miscellaneous usage, transfers and adjustments	(8,183)	(10,953)	(2,091)	-	(12,438)	(158)	(8,018)	-	(27,007)	-	(1,483)	-	(70,331)	(591,886)
Gallons burned during period	65,238	58,209	23	-	59,010	6,241	1,574	-	114,966	-	-	-	305,261	7,993,315
Ending balance	68,868	234,411	317,742	1,536,309	69,106	218,784	586,129	8,673,053	311,219	3,933,547	225,726	2,254,372	18,429,266	18,429,266
Cost of ending inventory ($/gal)	2.25	2.28	2.22	0.79	2.19	2.26	2.12	1.60	2.26	1.25	2.17	2.34	1.61	1.61
Gas Data: (B)														
Beginning balance														
MCF received during period			-	-		-	328	-		-	-	95,839	96,167	6,793,235
MCF burned during period			-	-		-	328	-		-	-	95,839	96,167	6,793,235
Ending balance														
Cost of ending inventory ($/mcf)														
Limestone Data:														
Beginning balance	11,258	31,046			4,538				41,908				88,751	104,089
Tons received during period	5,414	12,806			7,539				19,655				45,412	514,967
Tons burned during period (A)	3,099	12,279			2,234				8,601				26,213	511,106
Ending balance	13,573	31,573			9,842				52,962				107,950	107,950
Cost of ending inventory ($/ton)	31.58	28.16			25.09				29.98				29.20	29.20

(A) Twelve months ended includes aerial survey adjustment(s) reflected in the tons burned and cost of inventory lines for coal and limestone.
(B) Gas is burned as received; therefore, inventory balances are not maintained.
(C) Twelve months ended total reflects biomass data included with Coal prior to 2010.

Notes:
Detail amounts may not add to totals shown due to rounding.
Coal Inventory Ending Balance excludes 26,123 tons and $1,414,467 associated with terminals for the current month.

Exhibit A
Schedule 6

SCHEDULE 7

DUKE ENERGY CAROLINAS
ANALYSIS OF COAL PURCHASES
October 2010

STATION	TYPE	QUANTITY OF TONS DELIVERED	DELIVERED COST	DELIVERED COST PER TON
ALLEN	SPOT	45,380	$ 4,288,799.25	$ 94.51
	CONTRACT	86,979	7,946,048.23	91.36
	ADJUSTMENTS	-	555,059.02	-
	TOTAL	132,360	12,789,906.50	96.63
BELEWS CREEK	SPOT	44,063	3,600,427.28	81.71
	CONTRACT	531,880	50,023,333.72	94.05
	ADJUSTMENTS	-	1,540,541.16	-
	TOTAL	575,943	55,164,302.16	95.78
BUCK	SPOT	-	-	-
	CONTRACT	57,471	5,176,754.48	90.08
	ADJUSTMENTS	-	306,024.27	-
	TOTAL	57,471	5,482,778.75	95.40
CLIFFSIDE	SPOT	10,915	1,057,381.89	96.88
	CONTRACT	158,902	15,421,776.42	97.05
	ADJUSTMENTS	-	173,069.14	-
	TOTAL	169,817	16,652,227.45	98.06
DAN RIVER	SPOT	-	-	-
	CONTRACT	8,925	877,638.97	98.34
	ADJUSTMENTS	-	202,055.30	-
	TOTAL	8,925	1,079,694.27	120.98
LEE	SPOT	11,687	1,144,875.91	97.96
	CONTRACT	34,575	3,316,509.53	95.92
	ADJUSTMENTS	-	32,012.20	-
	TOTAL	46,262	4,493,397.64	97.13
MARSHALL	SPOT	56,192	5,193,603.60	92.43
	CONTRACT	402,876	35,119,383.16	87.17
	ADJUSTMENTS	-	867,018.55	-
	TOTAL	459,068	41,180,005.31	89.70
RIVERBEND	SPOT	21,747	2,080,333.25	95.66
	CONTRACT	23,604	2,152,900.29	91.21
	ADJUSTMENTS	-	20,155.49	-
	TOTAL	45,351	4,253,389.03	93.79
ALL PLANTS	SPOT	189,983	17,365,421.18	91.41
	CONTRACT	1,305,213	120,034,344.80	91.97
	ADJUSTMENTS	-	3,695,935.13	-
	TOTAL	1,495,196	$ 141,095,701.11	$ 94.37

SCHEDULE 8

Duke Energy Carolinas
Analysis of Quality of Coal Received
October 2010

Station	Percent Moisture	Percent Ash	Heat Value	Percent Sulfur
Allen	7.06	11.73	12,112	1.07
Belews Creek	6.21	11.73	12,250	0.91
Buck	6.38	12.38	12,121	0.72
Cliffside	7.03	11.14	12,199	1.07
Dan River	6.98	9.84	12,359	0.89
Lee	6.18	10.63	12,518	1.09
Marshall	6.53	10.94	12,389	1.28
Riverbend	6.94	10.24	12,466	0.89

Schedule 9

Duke Energy Carolinas
Analysis of Cost of Oil Purchases
October 2010

Station	Allen	Belews Creek	Cliffside	Marshall
Vendor	HighTowers	HighTowers	HighTowers	High Towers
Spot / Contract	Contract	Contract	Contract	Contract
Sulfur Content %	0	0	0	0
Gallons Received	59,728	104,348	59,594	114,550
Total Delivered Cost	$ 140,656.46	$ 251,087.28	$ 140,921.05	$ 269,049.44
Delivered Cost/Gal	$ 2.35	$ 2.41	$ 2.36	$ 2.35
BTU/Gallon	137,750	138,170	137,790	138,060

Exhibit A
Schedule 9

DUKE ENERGY CAROLINAS
POWER PLANT PERFORMANCE DATA
TWELVE MONTHS SUMMARY

November,2009 - October,2010

Plant Name	Generation MWH	Capacity Rating MW	Capacity Factor %	Net Equivalent Availability %
Oconee	20,672,789	2,538	92.98	91.04
McGuire	18,835,692	2,200	97.74	93.85
Catawba	17,899,383	2,258	90.49	88.74

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary
November 2009 through October 2010
Steam Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Equivalent Availability (%)
Belews Creek 1	8,540,386	1,110	87.83	92.41
Belews Creek 2	6,101,091	1,110	62.75	71.45

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary
November 2009 through October 2010
Steam Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Equivalent Availability (%)
Cliffside 5	2,554,133	562	51.88	64.88
Marshall 1	2,016,215	380	60.57	87.38
Marshall 2	1,979,127	380	59.45	87.87
Marshall 3	4,540,998	658	78.78	92.25
Marshall 4	4,855,114	660	83.98	93.64

Duke Energy Carolinas
Power Plant Performance Data

Twelve Month Summary
November 2009through October 2010
Other Cycling Coal Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Operating Availability (%)
Allen 1	646,106	163	45.32	93.27
Allen 2	544,744	163	38.21	91.47
Allen 3	1,352,079	262	58.91	92.22
Allen 4	1,410,252	277	58.12	90.67
Allen 5	1,283,519	267	54.88	93.54
Buck 3	65,570	75	9.98	98.97
Buck 4	36,618	38	11.00	99.11
Buck 5	501,973	128	44.77	88.22
Buck 6	470,239	128	41.94	86.14
Cliffside 1	6,151	38	1.85	96.95
Cliffside 2	6,799	38	2.04	96.94
Cliffside 3	16,426	61	3.07	96.48
Cliffside 4	17,028	61	3.19	29.08
Dan River 1	88,076	67	15.01	97.56
Dan River 2	91,873	67	15.65	95.09
Dan River 3	364,051	142	29.27	85.16
Lee 1	226,666	100	25.88	97.08
Lee 2	232,728	100	26.57	87.79
Lee 3	596,157	170	40.03	94.57
Riverbend 4	223,234	94	27.11	97.35
Riverbend 5	212,847	94	25.85	97.42
Riverbend 6	403,737	133	34.65	93.22
Riverbend 7	409,893	133	35.18	96.41

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary
November,2009 through October,2010
Combustion Turbines

Station Name	Net Generation (mWh)	Capacity Rating (mW)	Operating Availability (%)
Buck CT	-379	67	99.45
Buzzard Roost CT	-1,314	189	99.83
Dan River CT	-445	54	91.37
Lee CT	2,172	82	99.00
Lincoln CT	73,326	1,264	98.82
Mill Creek CT	90,555	592	99.38
Riverbend CT	-977	73	93.02
Rockingham CT	420,667	825	89.37

Duke Energy Carolinas

Power Plant Performance

12 Months Ended October 2010

Name of Plant	Generation (MWH)	Capacity Rating (MW)	Operating Availability (%)
Conventional Hydro Plants			
Bridgewater	65,171	23.000	97.78
Cedar Creek	176,510	45.000	99.11
Cowans Ford	195,597	325.000	96.72
Dearborn	164,513	42.000	98.24
Fishing Creek	175,505	49.000	98.95
Gaston Shoals	13,602	4.600	54.43
Great Falls	14,001	24.000	43.94
Keowee	85,245	157.500	93.74
Lookout Shoals	99,444	27.000	90.77
Mountain Island	139,408	62.000	98.08
Ninety Nine Island	76,899	18.000	60.66
Oxford	121,407	40.000	93.93
Rhodhiss	72,351	30.500	97.16
Rocky Creek	(907)	28.000	-
Tuxedo	18,136	6.400	52.69
Wateree	267,685	85.000	94.31
Wylie	177,677	72.000	97.54
Nantahala	168,356	50.000	92.18
Queens Creek	4,267	1.440	99.40
Thorpe	87,050	19.700	95.33
Tuckasegee	7,850	2.500	94.61
Tennessee Creek	34,830	9.800	71.92
Bear Creek	34,202	9.450	96.33
Cedar Cliff	25,546	6.380	96.36
Mission	3,429	1.800	89.51
Franklin	(9)	1.040	58.36
Bryson	291	1.040	83.27
Dillsboro	-	0.230	50.00
Total Conventional	2,228,057		
Pumped Storage Plants			
Jocasee	970,673	730.000	83.36
Bad Creek	1,967,591	1,360.000	93.92
Total	2,938,264		
Less Energy for Pumping			
Jocasee	(1,124,863)		
Bad Creek	(2,487,875)		
Total	(3,612,738)		
Total Pumped Storage			
Jocassee	(154,190)		
Bad Creek	(520,284)		
Total	(674,474)		

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN

PERIOD: October, 2010

PLANT	UNIT	DATE OF OUTAGE	DURATION OF OUTAGE	SCHEDULED / UNSCHEDULED	CAUSE OF OUTAGE	REASON OUTAGE OCCURRED	REMEDIAL ACTION TAKEN
Oconee	1	None					
	2	None					
	3	10/23/2010-11/01/2010	215.87	SCHEDULED	END-OF-CYCLE 25 REFUELING OUTAGE	REFUEL AND MAINTENANCE	REFUEL AND MAINTENANCE
McGuire	1	None					
	2	None					
Catawba	1	None					
	2	09/18/2010-10/17/2010	388.02	SCHEDULED	END-OF-CYCLE 17 REFUELING OUTAGE	REFUEL AND MAINTENANCE	REFUEL AND MAINTENANCE
		10/17/2010-10/19/2010	47.00	UNSCHEDULED	OUTAGE DELAYED 1.96 DAYS DUE TO EMERGENT VALVE WORK ON VOLUME CONTROL TANK	REACTOR COOLANT SYSTEM FILL DELAYED DUE TO VOLUME CONTROL TANK VALVE FAILURE	VALVE REPAIRED AND REACTOR COOLANT SYSTEM FILL COMMENCED
		10/19/2010-10/21/2010	46.00	UNSCHEDULED	OUTAGE DELAYED 1.92 DAYS DUE TO LEAKAGE THROUGH CORE EXIT THERMOCOUPLE COMPRESSION FITTING	THERMOCOUPLE LEAK COULD NOT BE IDENTIFIED UNTIL THE PLANT WAS HEATED AND PRESURIZED	PLANT DEPRESURIZED AND COOLED DOWN FOR REPAIR
		10/21/2010-10/21/2010	10.00	UNSCHEDULED	OUTAGE DELAYED 0.42 DAYS DUE TO DIGITAL ROD POSITION INDICATOR FAILURE	DIGITAL POSITION INDICATION PROBLEM COULD NOT BE IDENTIFIED UNTIL LATE IN THE OUTAGE BUT MUST BE OPERABLE FOR POWER -OPERATION	DIGITIAL ROD POSITION INDICATION REPAIRED
		10/21/2010-10/21/2010	6.15	UNSCHEDULED	OUTAGE DELAYED 0.26 DAYS DUE TO FAILURE OF FUEL TRANSFER SYSTEM EQUIPMENT	PROBLEM IDENTIFIED DURING FUEL MOVEMENT	FUEL TRANSFER SYSTEM REPAIRED
		10/22/2010-10/22/2010	3.07	SCHEDULED	TURBINE OVERSPEED TRIP TEST	TEST SCHEDULED AFTER INITIAL PLANT SYNCHRONIZATION	TEST COMPLETED

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

October 2010

Belews Creek Steam Station

No Outages During The Month.

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
October, 2010
Oconee Nuclear Station

	UNIT 1		UNIT 2		UNIT 3	
(A) MDC (MW)	846		846		846	
(B) Period Hours	744		744		744	
(C1) Net Gen (MWH) and Capacity Factor	631945	100.40	641100	101.86	447536	71.10
(D1) Net MWH Not Gen Due To Full Scheduled Outages	0	0.00	0	0.00	182626	29.01
*(D2) Net MWH Not Gen Due To Partial Scheduled Outages	544	0.09	0	0.00	-738	-0.11
(E1) Net MWH Not Gen Due To Full Forced Outages	0	0.00	0	0.00	0	0.00
*(E2) Net MWH Not Gen Due To Partial Forced Outages	-3065	-0.49	-11676	-1.86	0	0.00
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00	0	0.00
* (G) Core Conservation	0	0.00	0	0.00	0	0.00
(H) Net MWH Possible In Period	629424	100.00 %	629424	100.00 %	629424	100.00 %
(I) Equivalent Availability		99.91		100.00		70.82
(J) Output Factor		100.40		101.86		100.17
(K) Heat Rate		10,306		10,179		10,234

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
October, 2010
McGuire Nuclear Station

	UNIT 1		UNIT 2	
(A) MDC (MW)	1100		1100	
(B) Period Hours	744		744	
(C1) Net Gen (MWH) and Capacity Factor	860046	105.09	853482	104.29
(D1) Net MWH Not Gen Due To Full Scheduled Outages	0	0.00	0	0.00
*(D2) Net MWH Not Gen Due To Partial Scheduled Outages	0	0.00	0	0.00
(E1) Net MWH Not Gen Due To Full Forced Outages	0	0.00	0	0.00
*(E2) Net MWH Not Gen Due To Partial Forced Outages	-41646	-5.09	-35082	-4.29
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	818400	100.00 %	818400	100.00 %
(I) Equivalent Availability		100.00		100.00
(J) Output Factor		105.09		104.29
(K) Heat Rate		10,061		10,138

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
October, 2010
Catawba Nuclear Station

	UNIT 1		UNIT 2	
(A) MDC (MW)	1129		1129	
(B) Period Hours	744		744	
(C1) Net Gen (MWH) and Capacity Factor	855882	101.89	230918	27.49
(D1) Net MWH Not Gen Due To Full Scheduled Outages	0	0.00	441541	52.57
*(D2) Net MWH Not Gen Due To Partial Scheduled Outages	0	0.00	42278	5.03
(E1) Net MWH Not Gen Due To Full Forced Outages	0	0.00	123230	14.67
*(E2) Net MWH Not Gen Due To Partial Forced Outages	-15906	-1.89	2009	0.24
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	839976	100.00 %	839976	100.00 %
(I) Equivalent Availability		100.00		28.56
(J) Output Factor		101.89		83.91
(K) Heat Rate		10,068		10,595

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

October 2010

Belews Creek Steam Station

	Unit 1	Unit 2
(A) MDC (mw)	1,110	1,110
(B) Period Hrs	744	744
(C1) Net Generation (mWh)	753,653	701,322
(C1) Capacity Factor	91.26	84.92
(D1) Net mWh Not Generated due to Full Scheduled Outages	0	0
(D1) Scheduled Outages: percent of Period Hrs	0.00	0.00
(D2) Net mWh Not Generated due to Partial Scheduled Outages	0	0
(D2) Scheduled Derates: percent of Period Hrs	0.00	0.00
(E1) Net mWh Not Generated due to Full Forced Outages	0	0
(E1) Forced Outages: percent of Period Hrs	0.00	0.00
(E2) Net mWh Not Generated due to Partial Forced Outages	3,428	2,630
(E2) Forced Derates: percent of Period Hrs	0.42	0.32
(F) Net mWh Not Generated due to Economic Dispatch	68,759	121,888
(F) Economic Dispatch: percent of Period Hrs	8.33	14.76
(G) Net mWh Possible in Period	825,840	825,840
(H) Equivalent Availability	99.58	99.68
(I) Output Factor (%)	91.26	84.92
(J) Heat Rate (BTU/NkWh)	9,171	9,212

*Estimated

Footnote: (J) Includes Light Off BTU's

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

October 2010
Marshall Steam Station

	Marshall 1	Marshall 2	Marshall 3	Marshall 4
(A) MDC (mWh)	380	380	658	660
(B) Period Hrs	744	744	744	744
(C1) Net Generation (mWh)	12,658	10,571	125,746	354,754
(D) Net mWh Possible in Period	282,720	282,720	489,552	491,040
(E) Equivalent Availability	88.66	99.95	88.63	100.00
(F) Output Factor (%)	53.08	49.90	66.30	72.25
(G) Capacity Factor	4.48	3.74	25.69	72.25

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

October 2010
Cliffside Steam Station

	Cliffside 5
(A) MDC (mWh)	562
(B) Period Hrs	744
(C1) Net Generation (mWh)	199,451
(D) Net mWh Possible in Period	418,128
(E) Equivalent Availability	76.75
(F) Output Factor (%)	69.23
(G) Capacity Factor	47.70

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
November,2009 - October,2010
Oconee Nuclear Station

	UNIT 1		UNIT 2		UNIT 3	
(A) MDC (MW)	846		846		846	
(B) Period Hours	8760		8760		8760	
(C1) Net Gen (MWH) and Capacity Factor	6757587	91.18	6723049	90.72	7192153	97.05
(D1) Net MWH Not Gen Due To Full Scheduled Outages	345210	4.66	715225	9.65	182626	2.46
*(D2) Net MWH Not Gen Due To Partial Scheduled Outages	12065	0.16	5537	0.07	752	0.01
(E1) Net MWH Not Gen Due To Full Forced Outages	367519	4.96	71005	0.96	169344	2.29
*(E2) Net MWH Not Gen Due To Partial Forced Outages	-71421	-0.96	-103856	-1.40	-133915	-1.81
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00	0	0.00
* (G) Core Conservation	0	0.00	0	0.00	0	0.00
(H) Net MWH Possible In Period	7410960	100.00 %	7410960	100.00 %	7410960	100.00 %
(I) Equivalent Availability		89.87		88.74		94.50
(J) Output Factor		100.89		101.48		101.89
(K) Heat Rate		10,217		10,136		10,079

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
November, 2009 - October, 2010
McGuire Nuclear Station

	UNIT 1		UNIT 2	
(A) MDC (MW)	1100		1100	
(B) Period Hours	8760		8760	
(C1) Net Gen (MWH) and Capacity Factor	8816956	91.50	10018736	103.97
(D1) Net MWH Not Gen Due To Full Scheduled Outages	897468	9.31	0	0.00
*(D2) Net MWH Not Gen Due To Partial Scheduled Outages	32538	0.34	664	0.01
(E1) Net MWH Not Gen Due To Full Forced Outages	181082	1.88	0	0.00
*(E2) Net MWH Not Gen Due To Partial Forced Outages	-292044	-3.03	-383400	-3.98
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	9636000	100.00 %	9636000	100.00 %
(I) Equivalent Availability		87.85		99.84
(J) Output Factor		103.03		103.97
(K) Heat Rate		10,158		10,149

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
November,2009 - October,2010
Catawba Nuclear Station

	UNIT 1		UNIT 2	
(A) MDC (MW)	1129		1129	
(B) Period Hours	8760		8760	
(C1) Net Gen (MWH) and Capacity Factor	8821712	89.20	9077671	91.79
(D1) Net MWH Not Gen Due To Full Scheduled Outages	1043975	10.56	789250	7.98
*(D2) Net MWH Not Gen Due To Partial Scheduled Outages	28902	0.29	77934	0.79
(E1) Net MWH Not Gen Due To Full Forced Outages	147560	1.49	123230	1.25
*(E2) Net MWH Not Gen Due To Partial Forced Outages	-152109	-1.54	-178045	-1.81
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	9890040	100.00 %	9890040	100.00 %
(I) Equivalent Availability		87.40		90.07
(J) Output Factor		101.42		101.12
(K) Heat Rate		10,081		10,054

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

November 2009 through October 2010

Belews Creek Steam Station

	Unit 1	Unit 2
(A) MDC (mw)	1,110	1,110
(B) Period Hrs	8,760	8,760
(C1) Net Generation (mWh)	8,540,386	6,101,091
(C1) Capacity Factor	87.83	62.75
(D1) Net mWh Not Generated due to Full Scheduled Outages	310,948	2,366,595
(D1) Scheduled Outages: percent of Period Hrs	3.20	24.34
(D2) Net mWh Not Generated due to Partial Scheduled Outages	28,376	12,968
(D2) Scheduled Derates: percent of Period Hrs	0.29	0.13
(E1) Net mWh Not Generated due to Full Forced Outages	310,819	338,975
(E1) Forced Outages: percent of Period Hrs	3.20	3.49
(E2) Net mWh Not Generated due to Partial Forced Outages	85,856	57,166
(E2) Forced Derates: percent of Period Hrs	0.88	0.59
(F) Net mWh Not Generated due to Economic Dispatch	447,215	846,804
(F) Economic Dispatch: percent of Period Hrs	4.60	8.71
(G) Net mWh Possible in Period	9,723,600	9,723,600
(H) Equivalent Availability	92.41	71.45
(I) Output Factor (%)	93.83	87.35
(J) Heat Rate (BTU/NkWh)	9,195	9,469

*Estimated

Footnote: (J) Includes Light Off BTU's

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

November 2009 through October 2010

Marshall Steam Station

	Marshall 1	Marshall 2	Marshall 3	Marshall 4
(A) MDC (mWh)	380	380	658	660
(B) Period Hrs	8,760	8,760	8,760	8,760
(C1) Net Generation (mWh)	2,016,215	1,979,127	4,540,998	4,855,114
(D) Net mWh Possible in Period	3,328,800	3,328,800	5,764,080	5,781,600
(E) Equivalent Availability	87.38	87.87	92.25	93.64
(F) Output Factor (%)	80.81	80.26	88.74	89.30
(G) Capacity Factor	60.57	59.45	78.78	83.98

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

November 2009 through October 2010

Cliffside Steam Station

	Cliffside 5
(A) MDC (mWh)	562
(B) Period Hrs	8,760
(C1) Net Generation (mWh)	2,554,133
(D) Net mWh Possible in Period	4,923,120
(E) Equivalent Availability	64.88
(F) Output Factor (%)	82.72
(G) Capacity Factor	51.88

DUKE ENERGY CAROLINAS

Outages for 100MW or Larger Units

October,2010

			Full Outage Hours		
	Unit	MW	Scheduled	Unscheduled	Total
Oconee	1	846	0.00	0.00	0.00
	2	846	0.00	0.00	0.00
	3	846	215.87	0.00	215.87
McGuire	1	1100	0.00	0.00	0.00
	2	1100	0.00	0.00	0.00
Catawba	1	1129	0.00	0.00	0.00
	2	1129	391.09	109.15	500.24

Duke Energy Carolinas

Outages for 100 mW or Larger Units

October 2010

Unit Name	Capacity Rating (mW)	Full Outage Hours Scheduled	Full Outage Hours Unscheduled	Total Outage Hours
Allen 1	162	257.50	0.00	257.50
Allen 2	162	257.50	0.00	257.50
Allen 3	261	15.00	0.00	15.00
Allen 4	276	0.00	19.28	19.28
Allen 5	266	209.50	0.00	209.50
Belews Creek 1	1,110	0.00	0.00	0.00
Belews Creek 2	1,110	0.00	0.00	0.00
Buck 5	128	617.00	0.00	617.00
Buck 6	128	410.00	0.00	410.00
Cliffside 5	562	165.63	0.00	165.63
Dan River 3	142	224.50	0.00	224.50
Lee 1	100	215.98	0.00	215.98
Lee 2	100	473.83	0.00	473.83
Lee 3	170	0.00	0.00	0.00
Marshall 1	380	73.00	0.00	73.00
Marshall 2	380	0.00	0.00	0.00
Marshall 3	658	72.25	0.00	72.25
Marshall 4	660	0.00	0.00	0.00
Riverbend 6	133	57.00	0.00	57.00
Riverbend 7	133	0.00	0.00	0.00
Rockingham CT1	165	137.00	0.00	137.00
Rockingham CT2	165	192.33	46.48	238.82
Rockingham CT3	165	0.00	0.00	0.00
Rockingham CT4	165	543.33	0.00	543.33
Rockingham CT5	165	209.17	0.00	209.17